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RECOMMENDATIONS FOR FURTHER ACTION

DATE: January 29, 1987

PREPARED BY: Steve MacNeill, ICF Technology Inc.

SITE: Blair Southern Pacific Landfill
Foot of South 51st Street
Richmond, CA 94804
Contra Costa County

TDD #: F9-8701-67

EPA ID #: CAD980496889

1. Initial FIT Conclusions and Recommendations for Further Action:

a) Site Description:

The Blair Southern Pacific Landfill (Blair) is located at the foot of South 51st Street in Richmond, California (see Site Location Map, Exhibit 1). Although the Southern Pacific Railway line lies approximately 1400 feet northeast of the site, there is no apparent connection relating the Southern Pacific Company and on-site disposal activities. Available file information does not indicate what "Blair" is. In 1971 the Agricultural Chemicals Division of Stauffer Chemical Company (Stauffer) used the landfill to dispose of waste containing chromium, lead and asbestos (1). The site is not located on the property of the chemical plant which is located at 1415 South 47th Street. Current ownership information is not available. At the time of documented use, the site was owned by an unknown private concern. As of 1980, the landfill was still "open" although it is not known if wastes are still accepted (2). The site is not regulated under RCRA.

Apparent Problem:

Stauffer used the landfill to dispose of solid wastes containing chromium, lead and asbestos. They also disposed of various undetermined salts associated with agricultural products. The only documented quantity of waste disposed of at the landfill is 6,200 tons of solid waste in 1971 (3). It is not known whether the site received wastes prior to, or after, 1971. The type and extent of containment used is also unknown.

b) HRS Factors:

Observed Release:

No releases of contaminants to the air, soil, surface water or groundwater have been documented.

Direct Contact/Fire and Explosion:

No information on the potential for a direct contact threat is available. The potential for a fire and/or explosion incident is unknown.

Waste Type/Quantity:

The wastes that were dumped in 1971 contained unknown concentrations of chromium, lead, asbestos and other salts associated with agricultural chemicals. During that year, 6,200 tons of the waste were dumped. On-site activities prior to, and after, 1971 are unknown (1, 3).

Groundwater:

Blair is located over the extreme northeastern portion of the Santa Clara Valley Groundwater Basin. The narrow plain here is bordered by a ridge of nonwater-bearing rock on the west and to a large extent on the east. Water-bearing deposits filling the basin probably extend to the north under San Pablo Bay and to the southwest under San Francisco Bay (4).

There are no municipal supply wells within three miles of the site, but the extent of small water system and private well use is currently not known (7). Water supplies are imported by the East Bay Municipal Utility District to meet the requirements of the area. The net precipitation (November-April) is approximately 3 inches (5).

Surface Water:

Blair is located approximately 1,000 feet east of San Francisco Bay. The bay water is not used for drinking, but is a source of both water contact and non-water contact recreation. Along the shore of the bay, approximately 1,000 feet west of the site, is a marsh. The site is mostly flat (less than 3% slope) and the one-year, 24-hour rainfall for the area is approximately 3 inches (6).

c. Conclusions and Recommendations:

Blair was the recipient of 6,200 tons of material from Stauffer's Agricultural Chemical Division in 1971 (1). This material was known to contain heavy metals, trace metals and miscellaneous salts associated with the manufacture of agricultural chemicals. Activities at the site prior to, and after, 1971 are unknown.

Due to the lack of documented information on Blair and given that Stauffer is a potentially responsible party located adjacent to the

landfill, FIT recommends a low priority site inspection of Blair be conducted in conjunction with the site inspection of Stauffer to:

- 1) Determine the exact location and extent of the landfill;
- 2) Determine the owner of the site and other potentially responsible parties, if any;
- 3) Obtain specific waste type and quantity information;
- 4) Establish potential sampling locations; and
- 5) Evaluate the site's eligibility for HRS scoring and inclusion on the National Priorities List.

2. FIT Review/Concurrence:

Martha Watkins 2/13/87

3. EPA Recommendation For Further Action:

See attached memo

4. Response Termination: No Further Action ____; Active ~~*~~;
Pending ____.

Justification:

*Site needs further investigation
& Fit will pursue when it
it investigates Stauffer site.*

Paul Colaninzi
3.20.87

**Fit will contact RWQCB to
coordinate work.*

References

- 1) EPA Eckhardt Survey, file #274, 1979.
- 2) EPA Eckhardt Survey, file #274, 1979.
- 3) Unidentified document.
- 4) Groundwater Conditions in Central and Northern California, 1959-60, 1963.
- 5) Climatic Atlas of the United States, U.S. Department of Commerce, Environmental Science Services Administratio, Environmental Data Service, 6/68.
- 6) Rainfall Frequency Atlas of the United States, U.S. Department of Commerce, Weather Bureau, 5/61.
- 7) Telephone conversation of 8/28/86 between Chris Lichens of Ecology and Environment, Inc. and Mel Yee of the Department of Health Services, Sanitary Engineering Branch.

P.A./S.I. CONTACT LOG

Facility Name: Blair Southern Pacific Landfill
Facility ID: CAD980496889

Name	Affiliation	Phone #	Date	Information
File Search	EPA FINDS		12/23/86	Site found only under CERCLA listing.
Don Dalke	RWQCB, Region II	(415) 464-1255	1/12/87	Referred me to Robin Breuer.
Mike Rugg	California Department of Fish and Game, Region III	(707) 944-2011	1/12/87	Location of DFG Region III files.
File Search	Department of Fish and Game, Region III	(707) 944-2011	1/13/87	No information found.
File Search	DOHS		1/13/87	No information found.
File Search	Contra Costa Co. Health Services		1/14/87	No information found.
Robin Breuer	RWQCB, Region II		1/15/87	No information found.
File Search	RWQCB, Region II		1/22/87	No information found.
Shirley Roskelley	Richmond Tax Assessors Office	(415) 372-2252	1/23/87	She was unable to produce an owner of the site due to lack of an address.
Patricia Murphy	Richmond Planning Department	(415) 620-6706	1/23/87	She located 9 parcels in the area of the site and said one of them must be identified specifically in order to locate the owner.
John Dover	EPA	(415) 974-7933	2/12/87	See Contact Report.
Pam Brezak	EPA	(415) 974-7933	2/12/87	See Contact Report.

CONTACT REPORT

AGENCY: EPA
ADDRESS: 26 Fremont
San Francisco, CA
PERSON
CONTACTED: John Dover
PHONE: (415) 974-7933
FROM: Steve MacNeill
TO: File
DATE: 2/12/87
SUBJECT: Identification of Information Source

The conversation with Mr. Dover was to try and identify a source of information that came from an unknown agency. After describing the document to Mr. Dover, he tentatively identified it as a copy of an old EPA printout (source unknown) of site tracking information. Later the same day, he called me back to confirm that it was an EPA printout. This was also confirmed by Paul La Courreye.

CONTACT REPORT

AGENCY: EPA
ADDRESS: 215 Fremont
San Francisco, CA 94105
PERSON
CONTACTED: Pam Brezak
PHONE: 974-7933
FROM: Steve MacNeill
TO: File
DATE: 2/12/87
SUBJECT: Identification of file information

Ms. Brezak confirmed tha the unidentified file entry is an Eckhardt survey site tracking information printout.

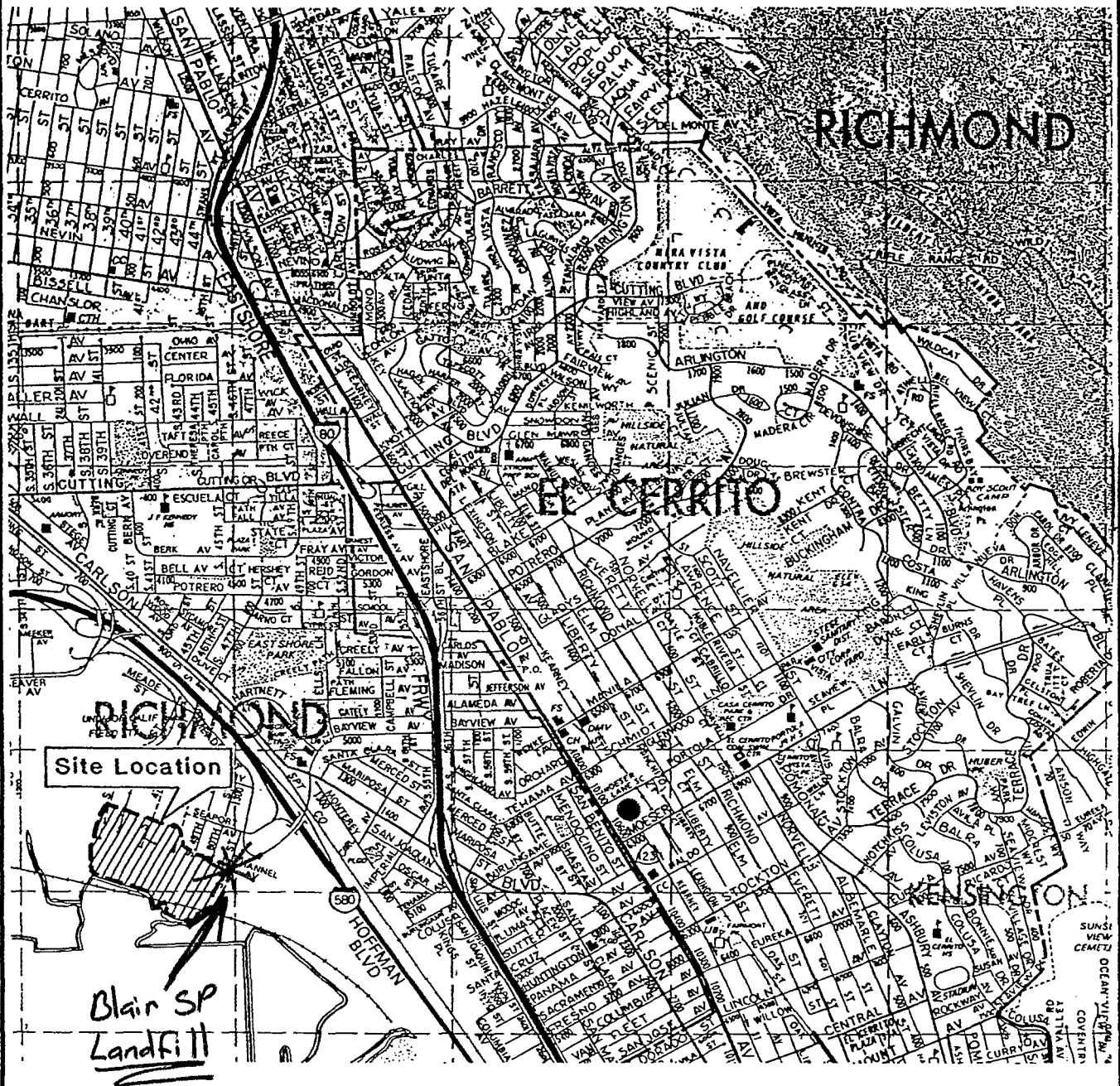


Exhibit 1 Stauffer Chemical Co.

1415 South 47th Street
Richmond, California 94804



Scale: 1"=2200'



0 2200

Thomas Brother Maps 1986